## Approved For Release 2002/09/03 CIA-RDP63-00313A000500010037-6

	CONCRETE CONTRACTOR OF THE CON	Copy & or (1)	25X
	NRO REVIEW COMPLETED	16 April 1962	
	MEXICARIUM FOR + Chief, impliquent SUBJECT + Trip Separt		
25X1	1. PURITOSE: A trip was made 13 to monitor loading operation on Rissio meeting on GURCHA/AURAL. A side trip on his CHCART a consultant for the Configuration Con	n 9032 and attend an SUTD was made to see  casers and potential use as	25X <sup>2</sup>
25X1 25X1	the afternoon of 13 April 196	at his facility in	25X <sup>2</sup>
	components modifying the Hycen "the CECART vehicle have been according rates and the effect of he satisfactorily resolved. Parts a of the second unit. A decision of the second unit. A decision of the second camera available for not there is currently no plan between test-fly this configuration. I apprepare such a plan and subsit it and seimdesion to Headquartore. could be ready for installation thirty days. Since it is a well-require to special batch and could be INFALIST vehicle. A decision occald perhaps wait until require	"configuration for use in splished. The problems of sent appear to have been re in-house for modification dil be required in the near sedgmarters intends to make ification. I find that he received that the camera is in possible that the camera is the IDEALIST weekals within list "" configuration, it will list be rether easily flows in the modify the assent owners of tests could be analyzed.	25X 25X 25X
25X1	this mount is under tost with the convention isolation mount for this mount is under tost with air convently exceeding the specific proved to us that while they have shoot, they have an especially fire equipment.	GECART casers.  CECART casers.  Misted casers weights and is  tion.  casell showkeents type	25X <sup>2</sup> 25X <sup>2</sup> 25X <sup>2</sup>
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(a) Cotion | Kindson for Cickets hom been working, at the request of on methods of producing the windows for the CAGART vehicle. A survey report is now evallable on progress to date on tests of a plastic (Viton) seal for vacuum pack optical windows. The results were excellent and the only problem is the dealer of a value system for purpling does to a vanues after the seal has been conditioned. They are proceedly pumping down via a value installed through the class itself. This procedure is not an desirable as a valve through the seal which would place no extra struct on the surface of the optical flate. A promoters such as the one proposed would undoubtedly require a conditioning and pump down operation on a removing basis as a part of the operational pre-Clicht. Tests to date indicate that warmen could be emintained to a reasonable level for at least temety hours and probably for enveral days.

(d) Committing Fork for CONCLET The Configuration Control Board has previously used in the assessing of commutant. Problems cocurring on the surfillery frame camera make it very desirable to call is to review the basic dealer and make a recommendation to the Configuration Control Board in regard to ersten reliability of this unit. The urgency of the impending flight of Manion 903 has necessal total bardae make a trip to Palo Alte on 17 April for at least a few days. At this time, the deal of engineers from Itak will be at LASS looking into the problems of system compatibility and ograms operation. and ir. Paraconsky approved calling was informed to select a cost wouder to Mesonarters for direct payment of expenses. He will report to Colonel Startly and swindt a report through him to the COB and Headquarters.

## 3. LOADING OFFICE PUR COLORA 90921

(a) Applicate insections I proceeded to Tanderberg Mir Perce Tane on M. April 1962 to participate in a decision regarding the reliability of this item for flight of Massion 702. Application frame camera 770 was experiencing intermittent operation with the blase being laid primarily on a mechanical past. Since there was still an electrical interface problem and a potential mode of failure which could drain the recovery battery, it was decided not to fly this applicate and a

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light tight real installed in its place, electrical circultry and pyrotexplics were disabled (pyrox were not installed). Instrument 176 was returned to Palo Alto for installation of a pool ands of a harder material and for further testing. It is imped that cities 35 76 or 80 cm be installed and tested during 3575 with the next 45541 system. The Hall test is coheduled to start 15 [pril and should give up much medical experience with this unit as an integrated part of the system. The start limit is an integrated part of the system. The start limit is an integrated part of the system. The first time I left, worked reports indicated it had operated entisfectually through this put run (it was only required to operate four orders.)

- Social on 17 April 1962. This loading operation was topical on 17 April 1962. This loading operation was terry secretary, viewed and telemetry checks indicated that the factorisate were specifing perfectly. I did find that the factorisate were specifing perfectly. I did find that the factorisate were still set at 1/50 second and 1/4.5. Head-quarters had requested that they set the shutter specific. It was found that the telegraph of the shutter, the intermittent setting between 1/50 and 1/100 was not a positive stop position. Therefore, it was a little beserious to make this setting althout was reasonable testing at this speed. Since HFIC's alternative was to continue to use 1/50 second, this is the setting that was used. The laternative was to have it set at 1/5 and 1/50 second, but the laternative was to have it set at 1/5 and 1/50 second.
- i. See the Title Femilia receipt of the forest stantes, the following strationant items were discussed.
  - (a) Design of the Stellar/Frame Compare: It is still outlinizated that this lime would be available by 5-12 if no serious problems arise, and the problems we have been having with the mulliary frame parties are resolved immediately.
  - (b) ambity of Product: Itse is continuing the investigations on methods of california. The Plateness during exposure, but had no significant data to report at this meeting. INCO reported nows temperature predictions data on Vehicle 1125 based on 3-1 and 3-3 lists data and Vehicle 1123 telessory data. The sotual temperature many being maintained is proposted to be exceeding this desired limits of 70° ± 10°. It is even possible that the suspensions of the common compartment could get as high as 92° tender centain could have the could throw

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inst the data on hard was instagnate to arrive at any first conclusion and further study was required. Itak really needs to run simulations in the chamber at various temperature levels to determine the exact effect of temperature or focus. Since it requires a relatively long time for the chamber to similize (especially the collimator), a minimum of a week will be required to conduct such tests. Since militar charbor for instrument are available outside the present production salectule, a works slippage in deliveries would be incurred if times tests were conducted. Since and instrumental accommodation.

(a) Film isneth: I had requested that DEC determine the maximum length of files that could be placed on the "" spply aroul with reliability. They determined that the film could be specied to within 1/8 of an inch of the outer rin on the supply speed with no problems at all. The take-up speed can hold more than the supply spool, therefore, this interface is clean. A pressurement was made with one roll of J-23-7600 and it was found to ecutain 7450 feet of film. Entle this is within I 25 tolerance allowed. it was rather surprising to find the length this short. is taking this up with Eastern-Solak on his return. It is easily conceiveble that we can put 7300 feet of film on the supply spool with no problem. In miffition, it is full that the confidence runs at base after locations and the areter run on the pad can be out down from the parament number of cycles (which is about 250 feet of payload) to a new requirement for using only shout 100 feet of file for shack-out and countdown operations. This should make semilable about 7700 pet of file for each easers rather than the surrent 7200 feet of file. This extra 500 feet of file would be a significant increase in the operational capability. Supply species of this length con not be available by Master 9033 but could possibly be available by 90%.

(d) And like inter Court The group was informed the	at
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to a consultant to review the common problems.	
frust litely was handcarrying Sit's 70 and 80 to Liter on 17 Apr	12
AFEA CLICE F/D Was returned I've base and F/E is installed	đ
with [-] for Massian 2033, availability of frame camera is	cod
providing the problem can be readyed.	Canana

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